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(54) Title: PROCESS FOR PRODUCING BROADER MOLECULAR WEIGHT DISTRIBUTION POLYMERS WITH A REVERSE COMONOMER DISTRIBUTION AND LOW LEVELS OF LONG CHAIN BRANCHES

(57) Abstract: The present invention provides a polymerization process which is conducted by contacting an olefin monomer and at least one olefin comonomer in the presence of hydrogen and a metallocene-based catalyst composition. Polymers produced from the polymerization process are also provided, and these polymers have a reverse comonomer distribution, low levels of long chain branches, and a ratio of Mw/Mn from about 3 to about 6.



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